

Fig. 1

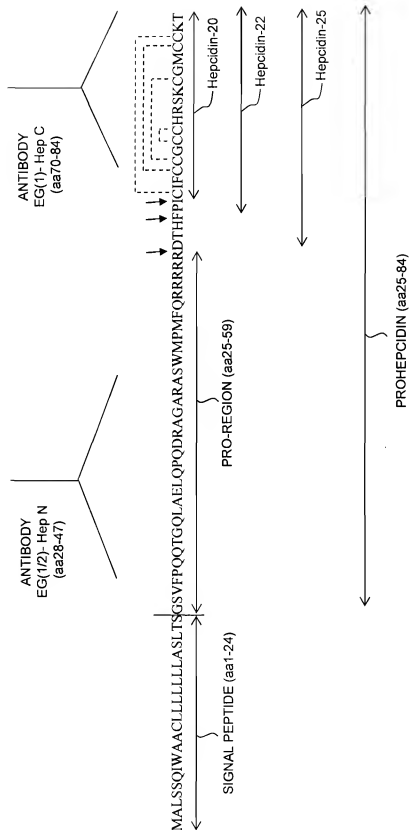


FIG. 2A



FIG. 2B

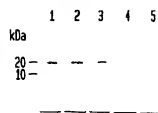


FIG. 2C

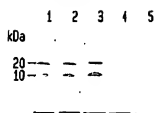


FIG. 2D

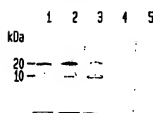


FIG. 3A



FIG. 3B



FIG. 3C



FIG. 4A



FIG. 4B



FIG. 4C



FIG. 4D

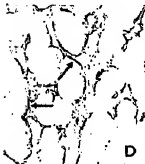


FIG. 4E



FIG. 4F



FIG. 4G

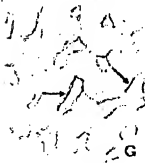


FIG. 4H

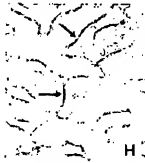


FIG. 4I

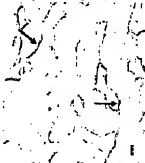


FIG. 5A



FIG. 5B

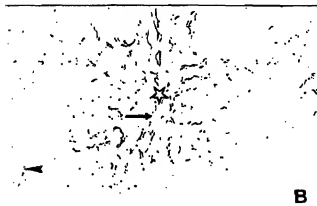


FIG. 5C



FIG. 6

Extinction at 450 nm

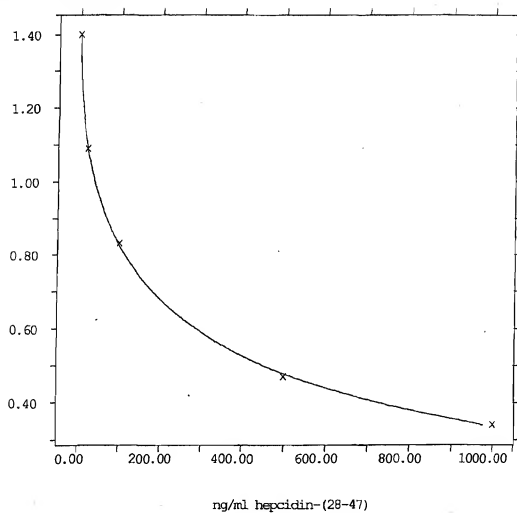


FIG. 7**Hepcidin Nucleotide Sequence:**

```

1 tcaagaccca gcagtgggac agccagacag acggcacgat ggcactgagc
tcccagatct
   61 gggccgcttg cctcctgctc ctctcctcc tegccagcct
gaccagtggc tctgttttcc
  121 cacaacagac gggacaactt gcagagctgc aaccccagga
cagagctgga gccaggggcca
  181 gctggatgcc catgttccag aggcgaagga ggcgagacac
ccaactcccc atctgcattt
  241 tctgctgcgg ctgctgtcat cgatcaaagt gtgggatgtg
ctgcaagacg tagaacctac
  301 ctgccctgcc ccggtcccct cccttcctta tttattcctg
ctgcccacga acatagggtct
  361 tggaataaaa tggtggttc tttgttttc c

```

Hepcidin Amino Acid Sequence

```

1 malssqiwa clllllllas ltsqsvfpqg tqqlaelqpq
dragaraswm pmfqrrrrrd
  61 thfpicifcc gcchrskcgm cckt

```

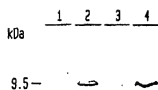
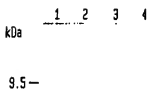
FIG. 8**A****B****C**

FIG. 9

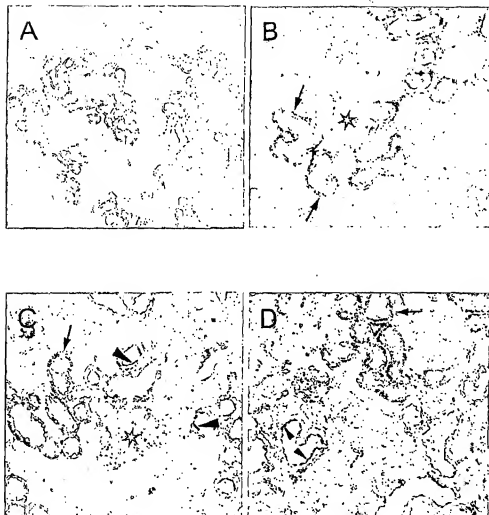


FIG. 10

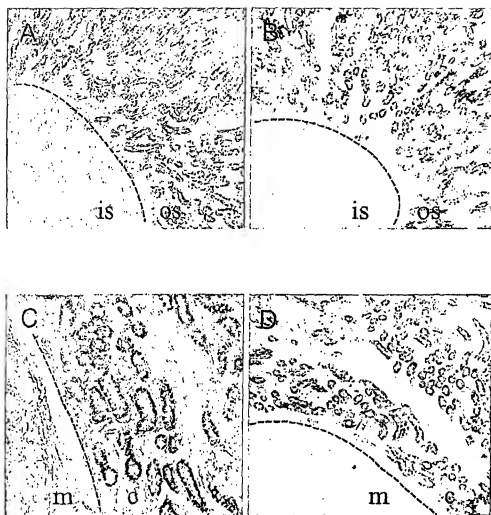


FIG. 11

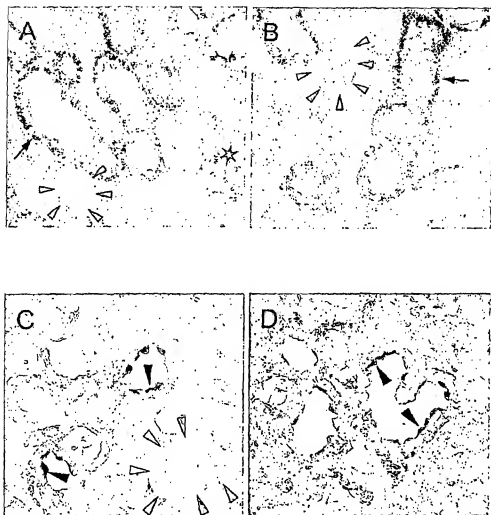


FIG. 12

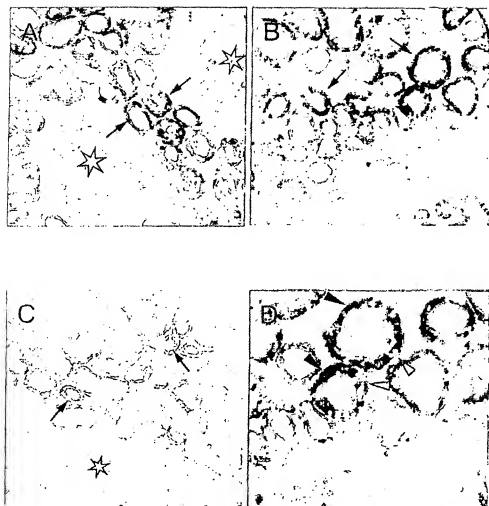


FIG. 13

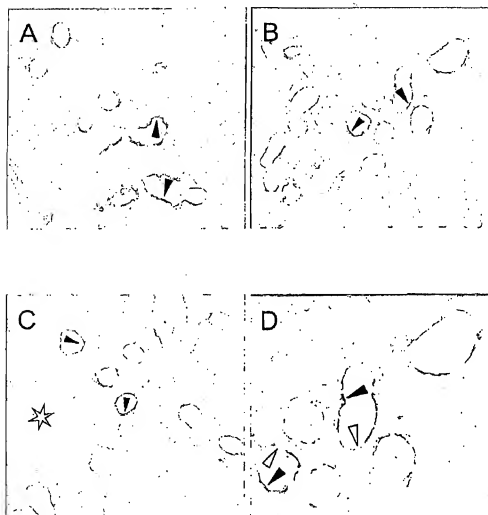


FIG. 14

